

WATER SYSTEM REPLACEMENT FUND

FUND 623 Page 1

PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST. 03/04	2004 2005	2005 2006	2006 2007	2007 2008	2008 2009
7151	Decoto Pump Stn Refurbish & Upgrade Developer Contribution	1,196 (334)	1,196 (117)			(217)			
7014	6th, C St., Ward St., Sunset, Western, Westfield Main Replacements Project Revenue	1,152 (1)	827 (1)	325					
7031	Replacement of Clamshell Building Canvas	50	0	50					
7032	Portable Pipeline Replacement Hose	76	0	76					
7033	Water Main Repl. @ Browning & Chisholm Cts.	144	0	144					
7034	Water Main Replacement @ Calaroga Avenue	140	0	140					
7154	Relocation of 24-inch Aqueduct ACTA	1,207 (366)	1,074 (366)	133					
7158	Reservoir Piping Modifications for Conversion	1,950	57	1,893					
7159	Main Replacements - Carmelita, Optimist, and E Street	460	144	316					
7164	Water Mains Seismic Retrofit at Hayward Fault Crossings	971	113	858					
7013	ULF Fixture Replacement Program	300	98	152	50				
7036	Annual Line Replacements - 2004/05	300	0	0	300				
7037	Aqueducts Record Drawings Update	150	0	0	150				
7038	SCADA PLC/Radio Replacement	90	0	0	90				
7039	SCADA System Record and Programming Data Update	60	0	0	60				
7153	Hesperian Fluoride System Rehabilitation	490	0	0	490				
7155	Interior/Exterior Painting/Various Water Facilities	600	274	176	150				
7163	Main Replacements - Jackson, Mission, Pontiac, Meek, Glade, Winton, Grand	3,000	2	223	175	2,600			
7035	City Irrigation System Backflow Replacements	121	0	40	44	37			
7003	Miscellaneous Hydrant Replacement Program	306	N/A	56	50	50	50	50	50
7006	Annual System Replacement Program	600	N/A	65	135	100	100	100	100
7030	Project Predesign Services	150	N/A	25	25	25	25	25	25

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PROJ. NO.	PROJECT DESCRIPTION	PROJ. TOTAL	PRIOR YEARS	EST. 03/04	2004 2005	2005 2006	2006 2007	2007 2008	2008 2009
TBD	Replace 16" Water Line near Mission & Willis	1,281	0	0	0	1,281			
TBD	Annual Line Replacements - 2005/06-2008/09	6,000	0	0	0	1,500	1,500	1,500	1,500
TOTAL PROJECT COSTS				4,672	1,719	5,593	1,675	1,675	1,675
TOTAL EXPENDITURES				4,672	1,719	5,593	1,675	1,675	1,675
REVENUES:									
	Interest			87	76	47	15	22	29
	Reimbursements			0	217	0	0	0	0
REVENUE SUBTOTAL:				87	293	47	15	22	29
TRANSFERS IN FROM:									
	Replacement Transfer from Fund 621			2,000	2,000	2,000	2,000	2,000	2,000
TRANSFERS SUBTOTAL:				2,000	2,000	2,000	2,000	2,000	2,000
REVENUE TOTALS:				2,087	2,293	2,047	2,015	2,022	2,029
BEGINNING FUND BALANCE:				6,144	3,559	4,133	587	927	1,274
ENDING FUND BALANCE:				3,559	4,133	587	927	1,274	1,628

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CAPITAL IMPROVEMENT PROGRAM 2004/05 - 2008/09

CATEGORY: Water System

Project Title: Aqueducts Record Drawings Update

Project No.: 7037

Fund: 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED 2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	TOTALS
Expenditures	0	0	150					150
Reimbursements								
Net Cost to Fund	0	0	150					150

DESCRIPTION:

This project will update record drawings for the City's four major aqueducts (Newark to Hayward, Hesperian, Mission, and Winton). This project will combine past record drawings with the individual changes from various developments in order to create a more complete and usable set.

JUSTIFICATION:

The existing copy of the aqueducts record drawings do not reflect changes, improvements, and relocations that have occurred since the construction of the aqueducts between 1962 and 1972. Specifically, there have been a lot of changes due to development in Fremont and Union City.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM 2004/05 - 2008/09

CATEGORY: Water System

Project Title: SCADA PLC/Radio Replacement

Project No.: 7038

Fund: 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED 2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	TOTALS
Expenditures	0	0	90					90
Reimbursements								
Net Cost to Fund	0	0	90					90

DESCRIPTION:

This project will replace four 12-year-old SCADA radios that cannot be repaired, because replacement parts are no longer available.

It will also replace the existing Intellimac units with new PLC unit. The current Intellimac is 8-years-old, is outdated, and replacement parts are no longer available.

Costs will be shared by the Sewer & Water Replacement Funds.

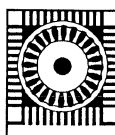
JUSTIFICATION:

System needs to be readily maintainable.

MAP NOT APPROPRIATE

REIMBURSEMENTS:

PROJECT MODIFICATIONS:



CITY OF
HAYWARD
HEART OF THE BAY

CAPITAL IMPROVEMENT PROGRAM 2004/05 - 2008/09

CATEGORY: Water System

Project Title: SCADA System Record and Programming Data Update

Project No.: 7039

Fund: 623 - Water System Replacement Fund

(\$ IN \$1,000)

PROPOSED CIP EXPENDITURE AND REIMBURSEMENT SCHEDULE

	PRIOR FUNDING	ESTIMATED 2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	TOTALS
Expenditures	0	0	60					60
Reimbursements								
Net Cost to Fund	0	0	60					60

DESCRIPTION:

This project will provide an inventory list of City-owned physical hardware, software, radio mapping, and programming data associated with the Supervisory Control and Data Acquisition (SCADA) system.

Costs will be shared by the Sewer & Water Replacement Funds.

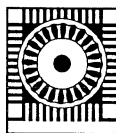
JUSTIFICATION:

The SCADA system has been used by the City since the early 1980s. Since that time, many upgrades and improvements have been implemented. This project will provide the City with an up-to-date inventory of SCADA hardware components, software, radio mapping, and programming data.

REIMBURSEMENTS:

PROJECT MODIFICATIONS:

MAP NOT APPROPRIATE



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